

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: VanLaningham et al.  
Title: LINK ADAPTION FOR MOBILE AD HOC AND MESH NETWORKS  
Appl. No.: 10/589,846  
International Filing Date: 2/19/2004  
371(c) Date: 8/18/2006  
Examiner: Pathak, Sudhanshu C.  
Art Unit: 2611  
Confirmation Number: 2789

**AMENDMENT AND REPLY UNDER 37 CFR 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated May 28, 2009, concerning the above-referenced patent application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 8 of this document.

Please amend the application as follows: